

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E30320

**Participation :** CTR

**Employer :** Avista Corporation

**Status :** Affected

**Worksite :** Avista Corporation

**Survey Type :** Online

**Street :** 1411 E Mission Ave

**Response Rate :** 73%

**Jurisdiction :** City of Spokane

**Survey Date :** 6/5/2017

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 15.2%

**Drive Alone Rate :** 84.8%

**One-Way VMT per employee :** 12.8

**Average One-Way distance home to work :** 14.7

### Employees and Survey Response Information

**Reported Total Employees at Worksite :** 1,074

**Surveys Distributed :** 1,074

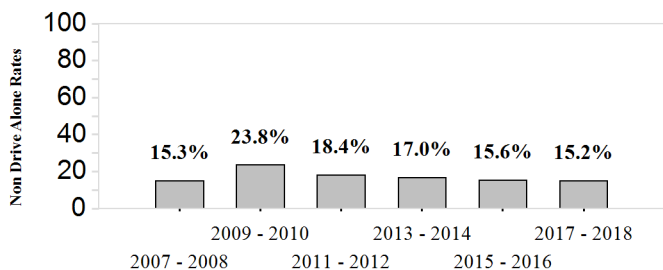
**Surveys Returned :** 787

**Surveys Returned by CTR Affected\* Employees :** 750

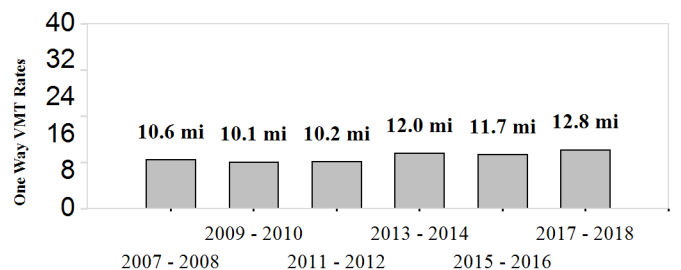
**Total Estimated CTR Affected Employees at Worksite :** 1,024

*\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

#### Annual Metric Tons CO<sub>2</sub>e Pounds CO<sub>2</sub>e

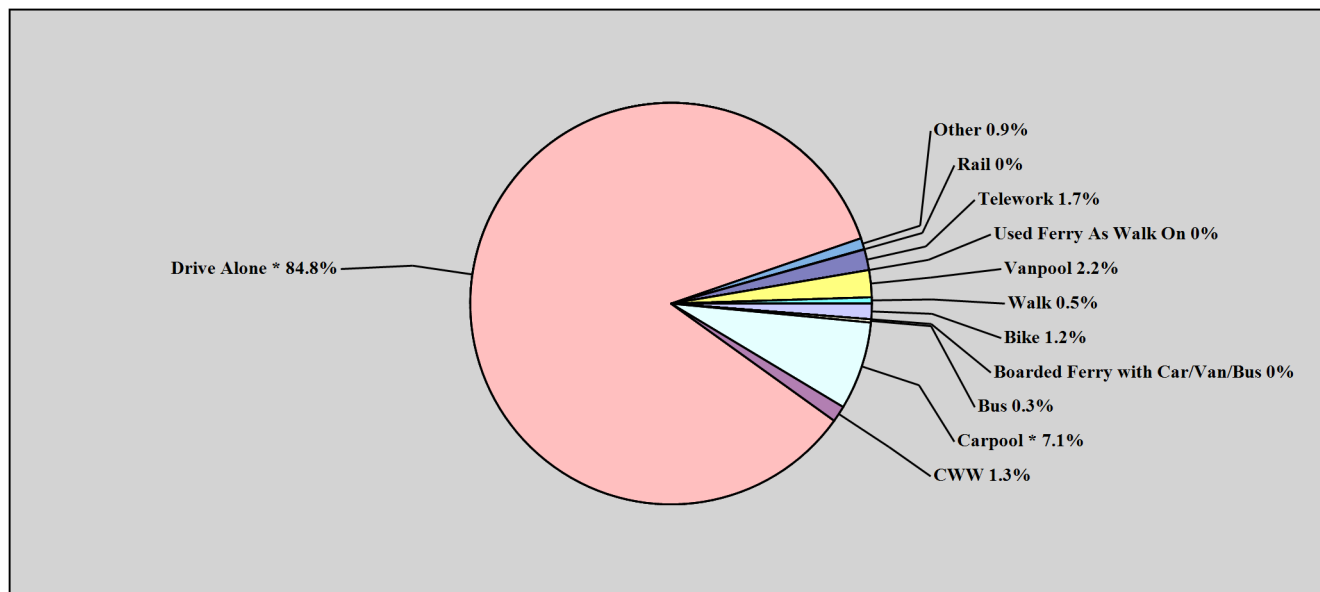
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	15.3%	15.3%	1470	1626	13.4	10.6	10.5
2009 - 2010	23.8%	23.6%	1164	1612	13.2	10.1	10.0
2011 - 2012	18.4%	17.4%	1499	2055	16.9	10.2	10.4
2013 - 2014	17.0%	16.5%	1834	2392	19.6	12.0	11.9
2015 - 2016	15.6%	15.2%	1569	2158	17.7	11.7	11.8
2017 - 2018	15.2%	14.9%	2143	2924	24.0	12.8	12.8
Target	21.3%				Target:	8.7	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-0.1				% Change from Baseline:	20.8%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



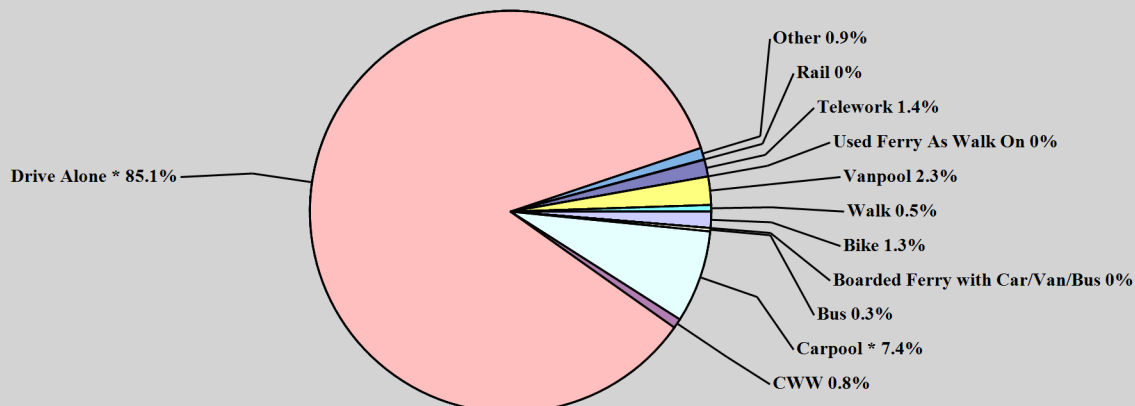
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	3,200	84.8%	84.4%	724	92.0%	90.2%
Carpool *	268	7.1%	7.0%	90	11.4%	10.9%
Vanpool	82	2.2%	1.8%	20	2.5%	2.1%
Bus	10	0.3%	0.5%	5	0.6%	0.7%
Rail	1	0.0%	0.0%	1	0.1%	0.0%
Bike	47	1.2%	1.0%	20	2.5%	1.6%
Walk	19	0.5%	0.7%	6	0.8%	0.6%
Telework	63	1.7%	1.0%	35	4.4%	3.3%
CWW	49	1.3%	2.1%	31	3.9%	5.1%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	34	0.9%	1.4%	13	1.7%	2.1%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	3,064	85.1%	84.8%	688	91.7%	90.5%
Carpool *	268	7.4%	7.3%	90	12.0%	11.2%
Vanpool	82	2.3%	1.8%	20	2.7%	2.2%
Bus	10	0.3%	0.5%	5	0.7%	0.8%
Rail	1	0.0%	0.0%	1	0.1%	0.0%
Bike	47	1.3%	1.1%	20	2.7%	1.7%
Walk	19	0.5%	0.7%	6	0.8%	0.6%
Telework	49	1.4%	1.0%	32	4.3%	3.3%
CWW	28	0.8%	1.2%	24	3.2%	3.7%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	34	0.9%	1.5%	13	1.7%	2.2%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	582	74%	787	100%
<b>1 Days</b>	75	10%	205	26%
<b>2 Days</b>	35	4%	130	17%
<b>3 Days</b>	19	2%	95	12%
<b>4 Days</b>	19	2%	76	10%
<b>5 Days</b>	49	6%	57	7%
<b>6 or More Days</b>	8	1%	8	1%

**Count by Occupancy of Carpools and Vanpools**

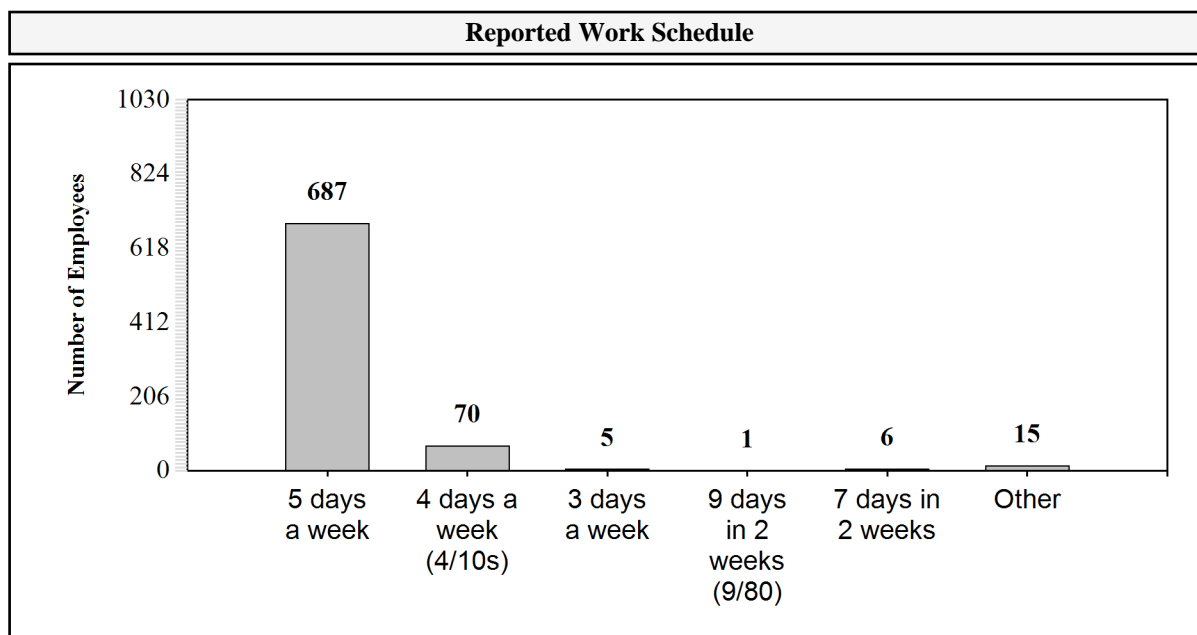
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	253
<b>3</b>	Carpool	13
<b>4</b>	Carpool	0
<b>5</b>	Carpool	0
<b>&gt;5</b>	Carpool	2
<b>&lt;5</b>	Vanpool	0
<b>5</b>	Vanpool	11
<b>6</b>	Vanpool	10
<b>7</b>	Vanpool	0
<b>8</b>	Vanpool	8
<b>9</b>	Vanpool	9
<b>10</b>	Vanpool	23
<b>11</b>	Vanpool	10
<b>12</b>	Vanpool	3
<b>13</b>	Vanpool	5
<b>14</b>	Vanpool	3
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

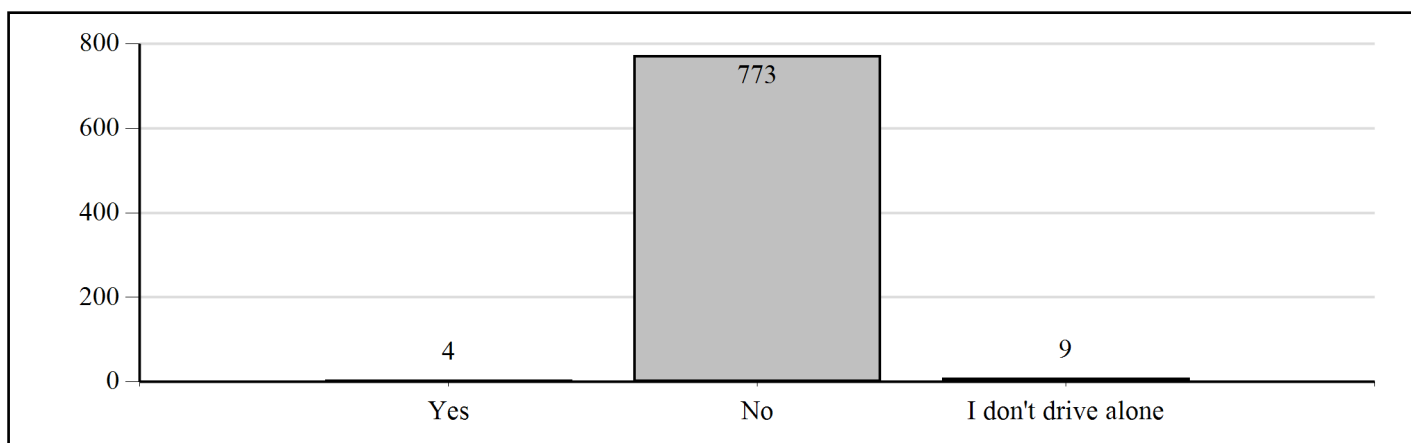
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	687	87.6%
4 days a week (4/10s)	70	8.9%
3 days a week	5	0.6%
9 days in 2 weeks (9/80)	1	0.1%
7 days in 2 weeks	6	0.8%
Other	15	1.9%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	2	0.3%
I don't telework	544	69.1%
Occasionally, on an as-needed basis	194	24.7%
1-2 days/month	28	3.6%
1 day/week	10	1.3%
2 days/week	7	0.9%
3 days/week	2	0.3%

**Reasons for driving alone to work/not driving alone to work**
**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
To save money	264	19.7%
Environmental and community benefits	157	11.7%
Other	156	11.6%
I have the option of teleworking	152	11.3%
Personal health or well-being	144	10.7%
Financial incentives for carpooling, bicycling or walking.	101	7.5%
Preferred/reserved carpool/vanpool parking is provided	87	6.5%
Driving myself is not an option	81	6.0%
Cost of parking or lack of parking	77	5.7%
Emergency ride home is provided	59	4.4%
Free or subsidized bus, train, vanpool pass or fare benefit	32	2.4%
I receive a financial incentive for giving up my parking space	25	1.9%
To save time using the HOV lane	6	0.4%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
I like the convenience of having my car	562	30.2%
Riding the bus or train is inconvenient or takes too long	401	21.5%
Family care or similar obligations	315	16.9%
Other	212	11.4%
My job requires me to use my car for work	146	7.8%
My commute distance is too short	105	5.6%
Bicycling or walking isn't safe	86	4.6%
I need more information on alternative modes	26	1.4%
There isn't any secure or covered bicycle parking	8	0.4%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
99208	95	12.07%	388	34	0	0	0	0	12	0	6	5	0	0	1
99223	61	7.75%	248	20	0	5	3	0	11	0	4	3	0	0	0
99206	45	5.72%	204	0	0	8	0	0	2	0	3	1	0	0	1
99205	44	5.59%	191	15	0	1	0	0	1	2	0	4	0	0	1
83854	42	5.34%	149	7	31	0	0	0	2	0	1	11	0	0	2
99203	40	5.08%	154	21	0	6	3	0	3	0	3	2	0	0	5
99016	35	4.45%	140	16	4	0	1	0	0	0	0	4	0	0	0
99224	30	3.81%	139	7	0	0	0	0	1	0	1	0	0	0	0
99019	29	3.68%	115	14	6	0	0	0	3	0	1	0	0	0	3
99216	27	3.43%	117	12	0	0	0	0	0	0	1	2	0	0	0
99212	25	3.18%	112	0	0	0	0	0	1	0	0	2	0	0	0
99037	23	2.92%	96	11	0	0	0	0	2	0	2	1	0	0	0
99218	23	2.92%	101	5	0	0	0	0	0	0	5	0	0	0	0
99005	22	2.80%	103	2	0	0	0	0	0	0	2	1	0	0	7
99004	20	2.54%	83	2	0	0	0	0	0	0	8	2	0	0	0
99021	17	2.16%	73	0	0	1	0	0	0	0	1	0	0	0	0
99025	15	1.91%	63	3	7	0	0	0	0	0	1	0	0	0	0
99217	15	1.91%	62	3	0	0	0	0	3	0	0	1	0	0	2
99022	14	1.78%	63	1	0	0	2	1	1	0	1	0	0	0	0
99026	14	1.78%	48	14	0	0	0	0	0	0	5	1	0	0	0
83815	13	1.65%	46	1	6	0	0	0	0	0	0	0	0	0	2
99006	13	1.65%	29	27	0	0	0	0	0	0	0	0	0	0	7
99207	13	1.65%	34	0	0	0	0	0	5	15	0	6	0	0	0
99202	11	1.40%	34	10	0	9	0	0	0	0	0	1	0	0	0
83814	10	1.27%	38	0	6	0	0	0	0	0	0	0	0	0	0
83835	9	1.14%	22	2	18	0	0	0	0	0	2	1	0	0	0





Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
99201	9	1.14%	40	5	0	0	0	0	0	0	0	0	0	0	0
83858	8	1.02%	34	0	4	0	0	0	0	0	0	0	0	0	0
99204	8	1.02%	27	4	0	1	1	0	0	2	5	0	0	0	0
99009	6	0.76%	24	3	0	0	0	0	0	0	1	0	0	0	0
99027	5	0.64%	24	0	0	0	0	0	0	0	0	0	0	0	0
99003	4	0.51%	14	0	0	0	0	0	0	0	0	0	0	0	0
99036	4	0.51%	15	0	0	0	0	0	0	0	2	0	0	0	0
99023	3	0.38%	15	0	0	0	0	0	0	0	0	0	0	0	0
83801	2	0.25%	10	0	0	0	0	0	0	0	0	0	0	0	0
83869	2	0.25%	6	0	0	0	0	0	0	0	0	0	0	0	0
99018	2	0.25%	0	9	0	0	0	0	0	0	1	0	0	0	0
99031	2	0.25%	10	0	0	0	0	0	0	0	0	0	0	0	0
99109	2	0.25%	8	0	0	0	0	0	0	0	0	0	0	0	0
99148	2	0.25%	0	10	0	0	0	0	0	0	0	0	0	0	0
99156	2	0.25%	0	10	0	0	0	0	0	0	0	0	0	0	0
	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
00000	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
80923	1	0.13%	3	0	0	2	0	0	0	0	0	0	0	0	0
83810	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
83861	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
99001	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
99008	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
99012	1	0.13%	3	0	0	0	0	0	0	0	2	0	0	0	0
99029	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	1
99034	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
99101	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
99110	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
99141	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
99158	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
99163	1	0.13%	3	0	0	0	0	0	0	0	0	0	0	0	2
99181	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
99213	1	0.13%	4	0	0	0	0	0	0	0	0	1	0	0	0
99220	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
99228	1	0.13%	7	0	0	0	0	0	0	0	0	0	0	0	0
99303	1	0.13%	2	0	0	0	0	0	0	0	0	0	0	0	0
99353	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0